

(19) United States

(12) Patent Application Publication Trzaskos et al.

(10) Pub. No.: US 2014/0092571 A1 Apr. 3, 2014

(43) Pub. Date:

(54) SYSTEMS AND METHODS FOR EJECTING REMOVABLE ENTITIES FROM **ELECTRONIC DEVICES**

(71) Applicant: **APPLE INC.**, Cupertino, CA (US)

Inventors: Piotr S. Trzaskos, Saratoga, CA (US);

Simon Kao, Taiepei (TW)

(73) Assignee: APPLE INC., Cupertino, CA (US)

(21) Appl. No.: 13/631,597

(22) Filed: Sep. 28, 2012

Publication Classification

(51) Int. Cl.

H05K 7/00 (2006.01)H05K 13/00 (2006.01)H05K 5/00 (2006.01) (52) U.S. Cl.

(57)ABSTRACT

Systems and methods for ejecting removable entities from electronic devices are provided. A removable entity ejection system may include a driver that may be controllable by software (e.g., via a control unit that may be configured to send electrical signals to the driver). The driver may include a driving component that may apply a force directly, or indirectly, to one or more removable entities to eject the one or more removable entities from an electronic device. When the force is applied indirectly, one or more interfacing components may receive the applied force and may transfer the received force to the one or more removable entities to cause ejection thereof.

